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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 31 and 32 are canceled.

1.(original) A fuel oil additive which comprises an oil-soluble metal salt of organic acid of a general formula MR , where R is an organic acid radical and the corresponding organic acid is a $C_1 - C_{40}$ saturated or unsaturated fatty acid or polybasic carboxylic acid, naphthenic acid, aromatic acid or alkylphenol, M is a metal cation, metal complex ion or metal clathrate compound ion, and the corresponding metal is an alkali metal, alkali-earth metal, rare-earth metal, transition metal selected from zinc or titanium or main group metal selected from metal aluminum, gallium, germanium, indium, tin or antimony.

2.(original) A fuel oil additive as claimed in Claim 1, wherein the organic acid is a $C_1 - C_{25}$ saturated or unsaturated fatty acid, naphthenic acid, aromatic acid or alkylphenol.

3.(original) A fuel oil additive as claimed in Claim 2, wherein the organic acid is a $C_1 - C_{10}$ saturated or unsaturated fatty acid, naphthenic acid, aromatic acid or alkylphenol.

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4.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the said organic acid is a saturated or unsaturated fatty acid or naphthenic acid, ~~alkali metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion.~~

5.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the said metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion, ~~alkali earth metal is beryllium, magnesium, calcium, strontium or barium, and the corresponding cation is a divalent ion.~~

6.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the said alkali-earth metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion, ~~rear earth metal is scandium, yttrium, lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium or lutetium, and the corresponding cation is a trivalent or tetravalent ion.~~

7.(currently amended) A fuel oil additive as claimed in Claim 6~~1~~, wherein the said rear-earth metal is scandium, yttrium, lanthanum, cerium or neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium,

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thulium, ytterbium or lutetium, and the corresponding cation is a trivalent or tetravalent ion..

8.(currently amended) A fuel oil additive as claimed in Claim 4~~7~~, wherein the said rear-earth metal is scandium, yttrium, lanthanum, cerium or neodymium, ~~transition metal is titanium, zirconium, hafnium, niobium, tantalum, molybdenum, tungsten, ruthenium, osmium, cobalt, rhodium, iridium, nickel, palladium, platinum, silver, gold or zinc, and the corresponding cation is a mono-valent, divalent, trivalent or tetravalent ion.~~

9.(currently amended) A fuel oil additive as claimed in Claim 8~~1~~, wherein the said metal is aluminum, gallium, germanium, indium, tin or antimony, and the corresponding cation is trivalent, tetravalent or pentavalent ion, ~~transition metal is titanium, cobalt, nickel or zinc.~~

10.(currently amended) A fuel oil additive as claimed in Claim 1, which comprises one or more of said oil-soluble metal salts of organic acids, ~~wherein the metal is aluminum, gallium, germanium, indium, tin or antimony, and the corresponding cation is a trivalent, tetravalent or pentavalent ion.~~

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11.(currently amended) A fuel oil additive as claimed in Claim 1, which also
comprises an alcohol, ether, ketone, phenol, hydrocarbon, aldehyde or nitrogen-
containing compounds.~~one or more of the oil soluble metal salts of organic acids.~~

12.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the
aforesaid metal salt of organic acid originates from a saturated or unsaturated fatty acid or
a compound formed by a naphthenic acid and an alkali metal cation or an alkali-earth
metal cation.~~which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, ester,~~
~~aldehyde or nitrogen containing compounds.~~

13.(currently amended) A fuel oil additive as claimed in Claim 1, which
includes a gasoline additive, diesel oil additive, kerosene additive, heavy oil additive and
a resid additive.~~any of the claims, wherein the aforesaid metal salt of organic acid~~
~~originates from a saturated or unsaturated fatty acid or a compound formed by a~~
~~naphthenic acid and an alkali metal cation or an alkali-earth metal cation.~~

14.(currently amended) A fuel oil additive as claimed in Claim 12, which
includes a gasoline additive, diesel oil additive, kerosene additive, a heavy oil additive
and resid additive.~~any of the claims, which includes a gasoline additive, diesel oil~~
~~additive, kerosene, heavy oil additive and resid additive.~~

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15.(currently amended) Uses of a fuel oil additive as claimed in Claim 1 as gasoline antiknock agent, fuel oil cleaning agent, fuel oil antifriction agent or fuel oil anticorrosion additive.

~~any of the Claims 1—13 as gasoline antiknock agent, fuel oil cleaning agent, fuel oil antifriction agent or fuel oil anticorrosion additive.~~

16.(currently amended) A gasoline antiknock agent which comprises an oil-soluble metal salt of organic acid of a general formula MR , where R is an organic acid radical and the corresponding organic acid is a $C_1 - C_{40}$ saturated or unsaturated fatty acid or polybasic carboxylic acid, naphthenic acid, aromatic acid or alkylphenol, M is a metal cation, a metal complex ion or a metal clathrate compound ion, and the corresponding metal is an alkali metal, alkali-earth metal, rare-earth metal, transition metal selected from zinc or titanium or main group metal selected from metal aluminum, gallium, germanium, indium, tin or antimony.

17.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said organic acid is a $C_1 - C_{20}$ saturated or unsaturated fatty acid, naphthenic acid, aromatic acid or alkylphenol.

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18.(currently amended) A gasoline antiknock agent as claimed in Claim 17, wherein the said organic acid is a $C_1 - C_{10}$ saturated or unsaturated fatty acid, a naphthenic acid, an aromatic acid or an alkylphenol.

19.(currently amended) A gasoline antiknock agent as claimed in Claim 16-18, wherein the said organic acid is a saturated or unsaturated fatty acid or naphthenic acid.

20.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said alkali metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion.

21.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said alkali-earth metal is beryllium, magnesium, calcium, strontium or barium, and the corresponding cation is a divalent ion.

22.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said rear-earth metal is scandium, yttrium, lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium or lutetium, and the corresponding

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cation is a trivalent or tetravalent ion (wrong words "divalent or trivalent ion" in the original claim, translator).

23.(currently amended) A gasoline antiknock agent as claimed in Claim 22, wherein the said rear-earth metal is scan-dium, yttrium, lanthanum, cerium or neodymium.

24.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said metal is aluminum, gal-lium, germanium, indium, tin or antimony, and the corresponding cation is trivalent, tetravalent or pentavalent ion.~~transition metal is titanium, zirconium, hafnium, niobium, tantalum, molybdenum, tungsten, ruthenium, osmium, cobalt, rhodium, iridium, nickel, palladium, platinum, silver, gold or zinc, and the corresponding cation is a monovalent, divalent, trivalent or tetravalent ion.~~

25.(currently amended) A gasoline antiknock agent as claimed in Claim 24~~16~~, which comprises one or more of said oil-soluble metal salts of organic acids.

~~wherein the transition metal is titanium, cobalt, nickel or zinc.~~

26.(currently amended) A gasoline antiknock agent as claimed in Claim 16, which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, ester, aldehyde or nitrogen-containing compounds. ~~wherein the metal is aluminum, gal-lium, germanium,~~

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~~indium, tin or antimony, and the corresponding cation is trivalent, tetravalent or pentavalent ion.~~

27.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said metal salt of organic acid originates from a saturated or unsaturated fatty acid or a compound formed by a naphthenic acid and an alkali metal cation or an alkali-earth metal cation,~~which comprises one or more of the oil-soluble metal salts of organic acids.~~

28.(currently amended) A fuel oil product, wherein the fuel oil additive ~~gasoline antiknock agent as claimed in Claim 16 is add,~~ and the amount is 0.1 – 15 g of said metal salt of organic acid per liter of a fuel oil,~~which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, ester, aldehyde or nitrogen-containing compounds.~~

29.(currently amended) A fuel oil product ~~gasoline antiknock agent as claimed in Claims 28-16,~~ which is a gasoline product,~~wherein the metal salt of organic acid originates from a saturated or unsaturated fatty acid or a compound formed by a naphthenic acid and an alkali metal cation or an alkali-earth metal cation.~~

30.(currently amended) A gasoline product, fuel oil product, wherein the gasoline antiknock agent as claimed in Claim 16 is added, and the amount is 0.1 – 15 g of

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~~said metal salt of organic acid per liter of gasoline, fuel oil additive as claimed in Claim 1~~
~~is added, and the amount is 0.1—15 g of the metal salt of organic acid per liter of the fuel~~
~~oil.~~